

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	Richard F. Creeth
Serial No. Pending	File Date: February <u>16</u> , 2001
Title of Application:	Fully Capable Minimally Inflatable Object Model System For Multidimensional Applications

Assistant Commissioner for Patents
Washington, DC 20231

Cover Sheet For Six Sheets Of Drawings

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February 16, 2001


Joanne M. Cassone

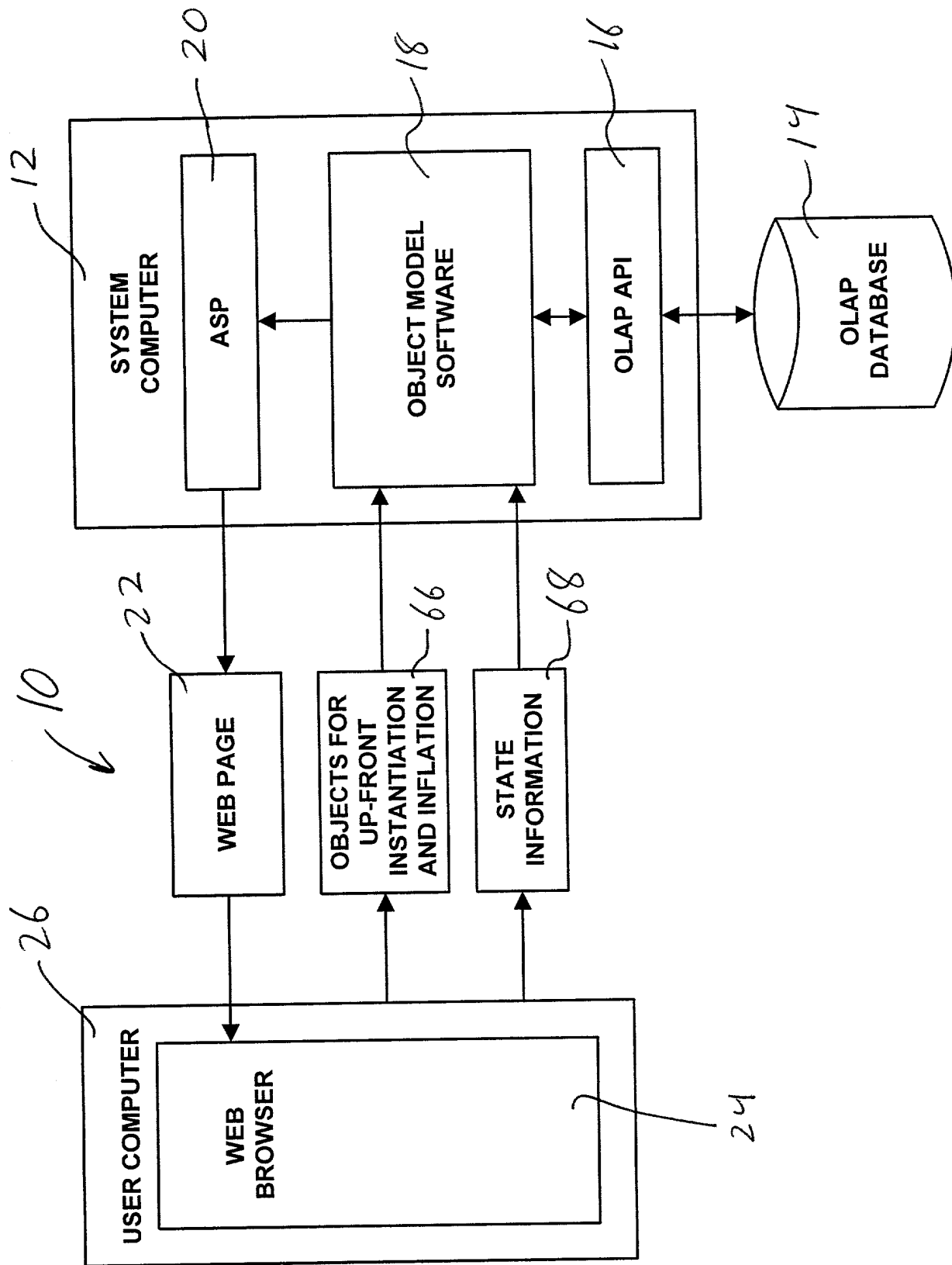


FIG. 1

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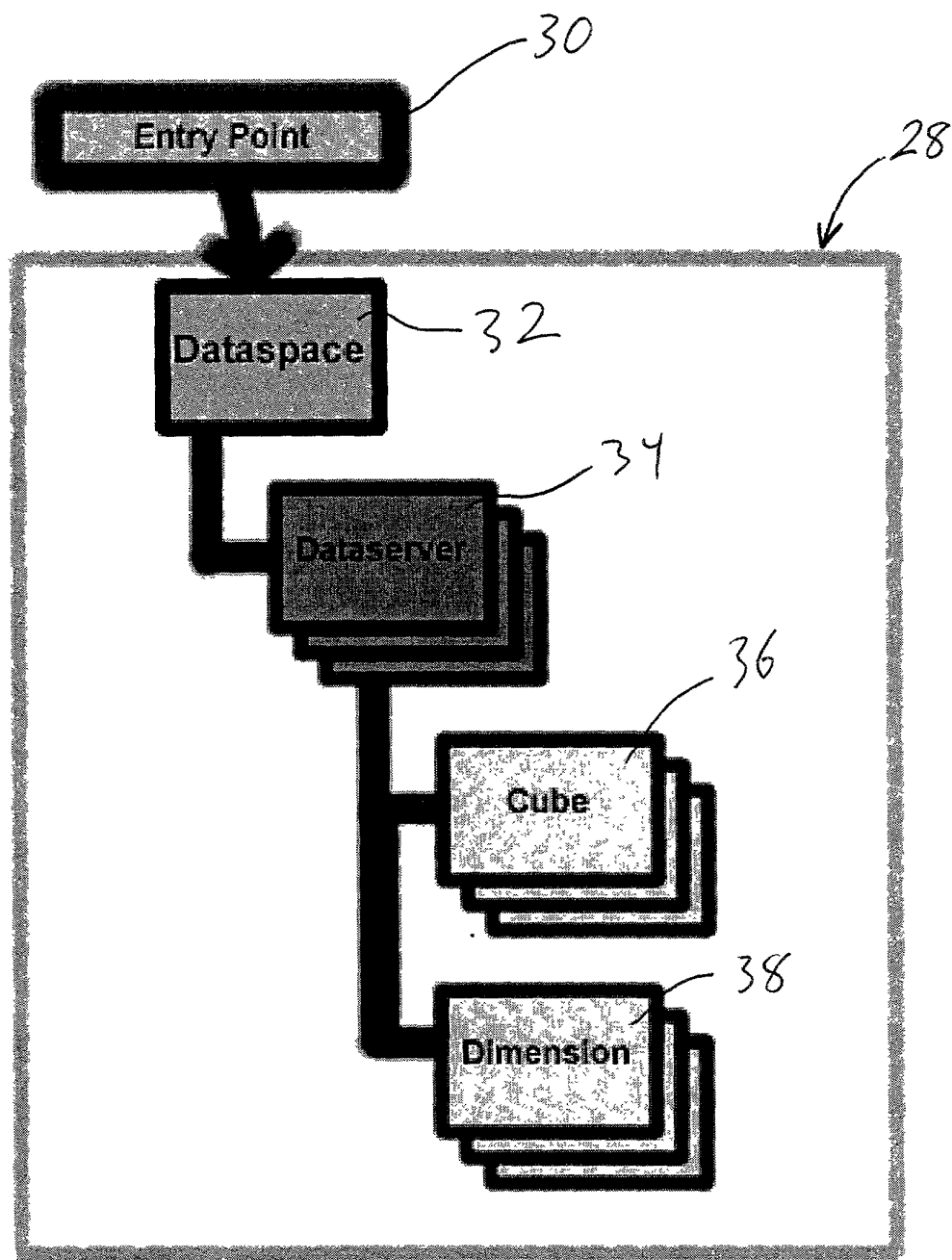


FIG. 2

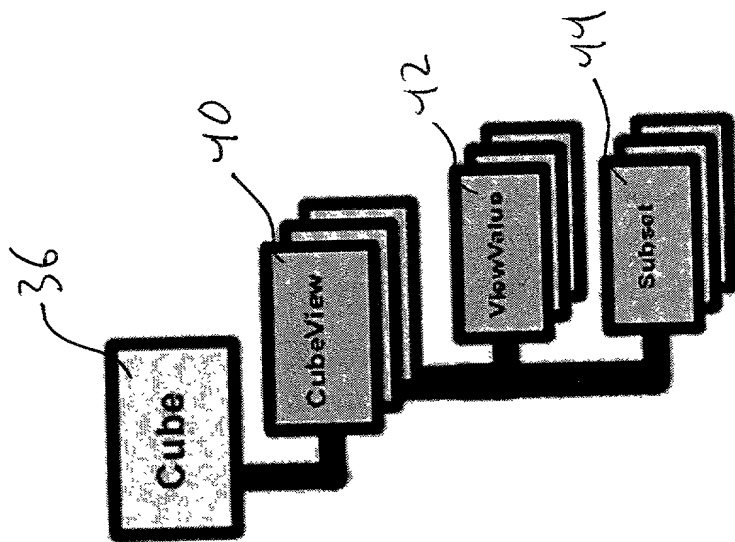


FIG. 3A

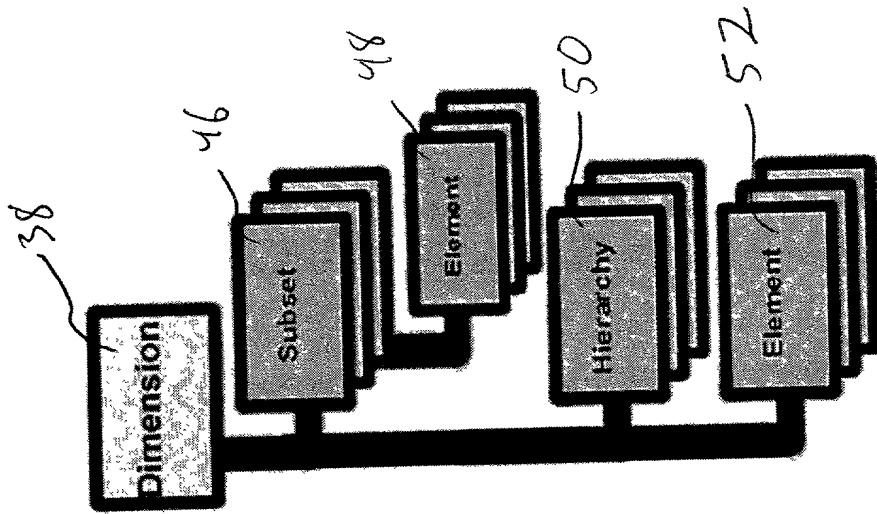


FIG. 3B

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<SCRIPT Language=VBSCRIPT>

'GET THE CUBE NAME FROM THE API
'Create Value Pool
ValPoolHandle = TM1ValPoolCreate(SessionHandle)

'Get handle to the Server
ServerNameHandle = TM1ValString(ValPoolHandle, "MyServer", Len("MyHandle"))
ServerHandle = TM1SystemServerHandleGet(SessionHandle, ServerNameHandle)

'Get the handle to the cube object
CubeHandle = TM1ObjectListHandleByIndex(ValPoolHandle, ServerHandle, TM1ServerCubes, 1)

'Get the name property of the cube object
CubeNameHandle = TM1ObjectPropertyGet(ValPoolHandle, CubeHandle, TM1ObjectName)
TM1ValStringGet ValPoolHandle, CubeName, StringLength

'Strip blanks from string returned from API
CubeName = Left(CubeName, StringLength)

</SCRIPT>

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FIG. 4A
(PRIOR ART)

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<SCRIPT Language=VBSCRIPT>

'GET THE CUBE NAME FROM OLAPObjects
CubeName = TM1Dataspace.Dataservers(1).Cubes(1).Name

</SCRIPT>

```

FIG. 4B

64

62

18

58

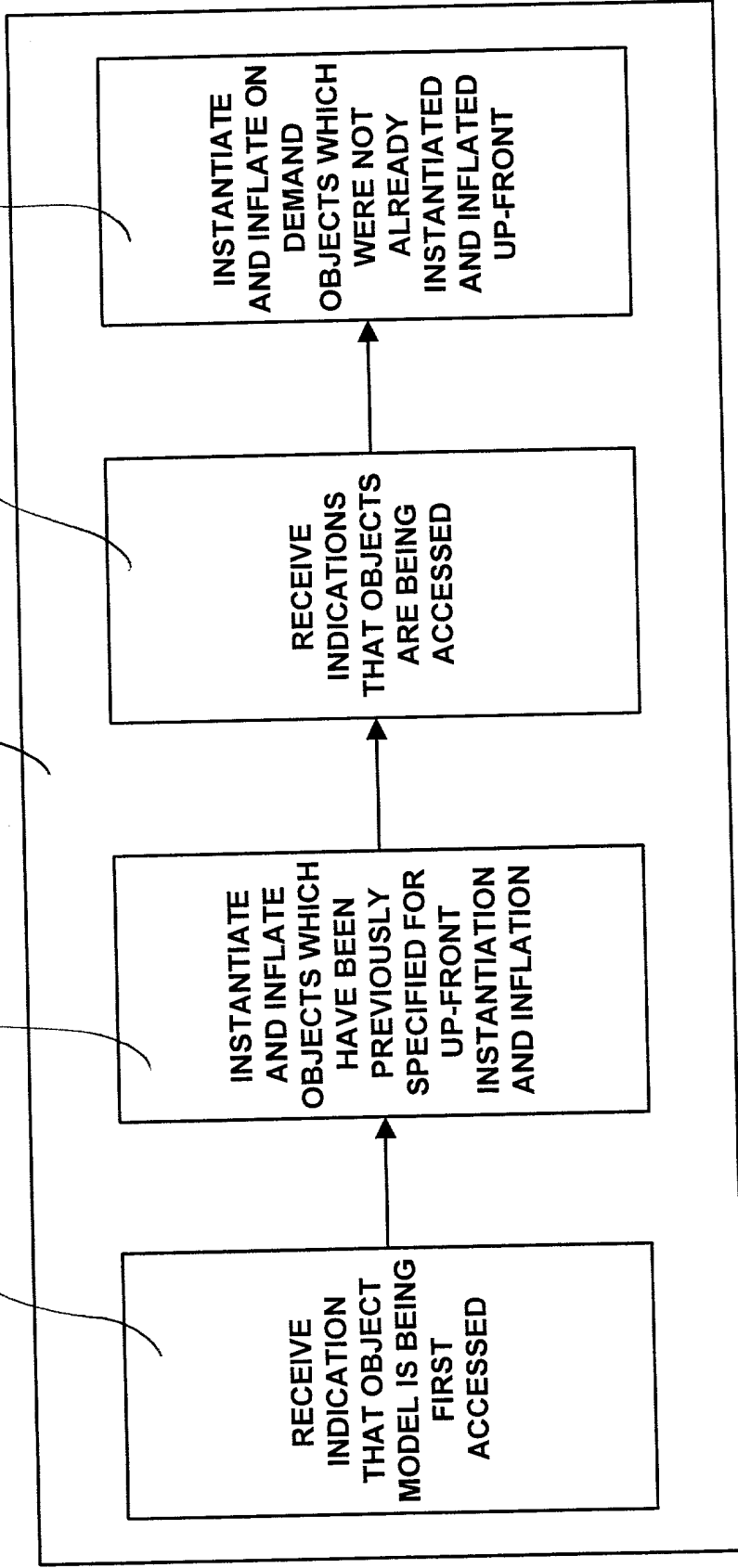
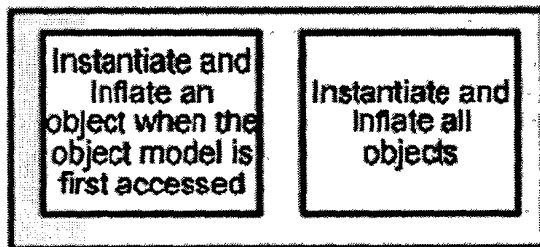
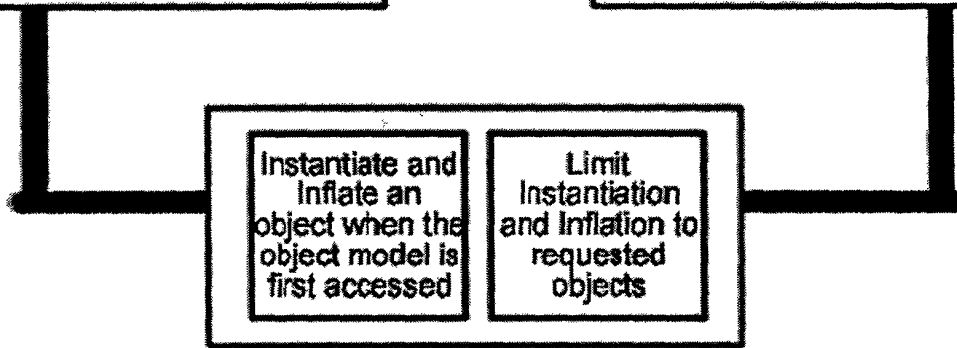
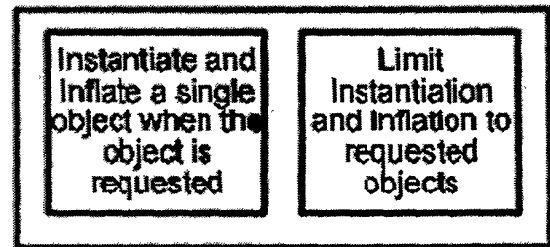


FIG. 5

Full Instantiation and Inflation



On-Demand Instantiation and Inflation



Adaptive Instantiation and Inflation

FIG. 6